

Figure 1 (The Basic Invention Used in a Conveyor Application)

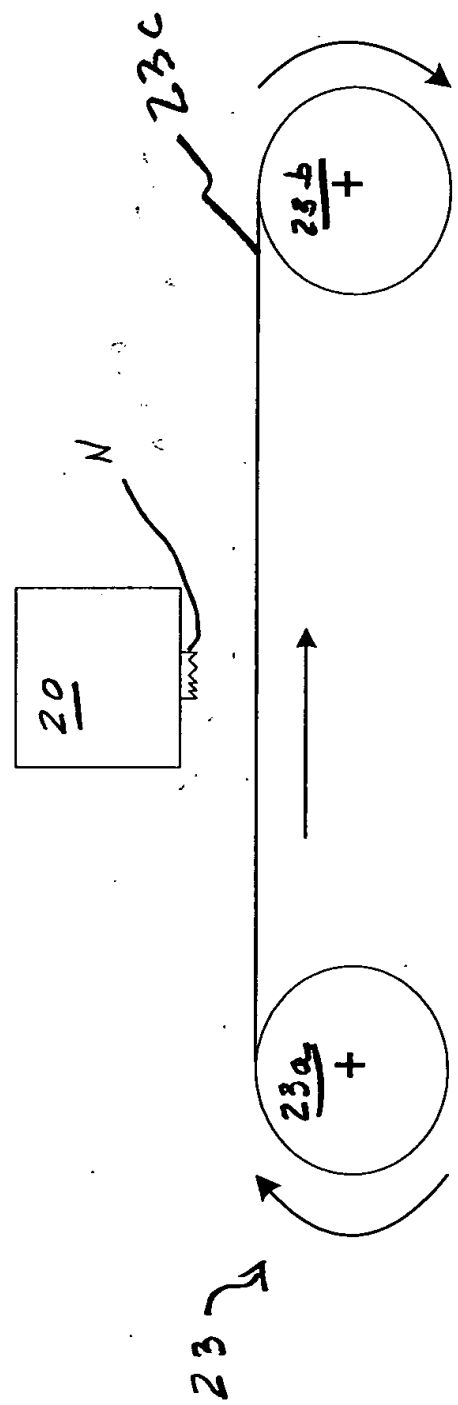


Figure 2 (The Basic Invention Used in a Continuous Web Application)

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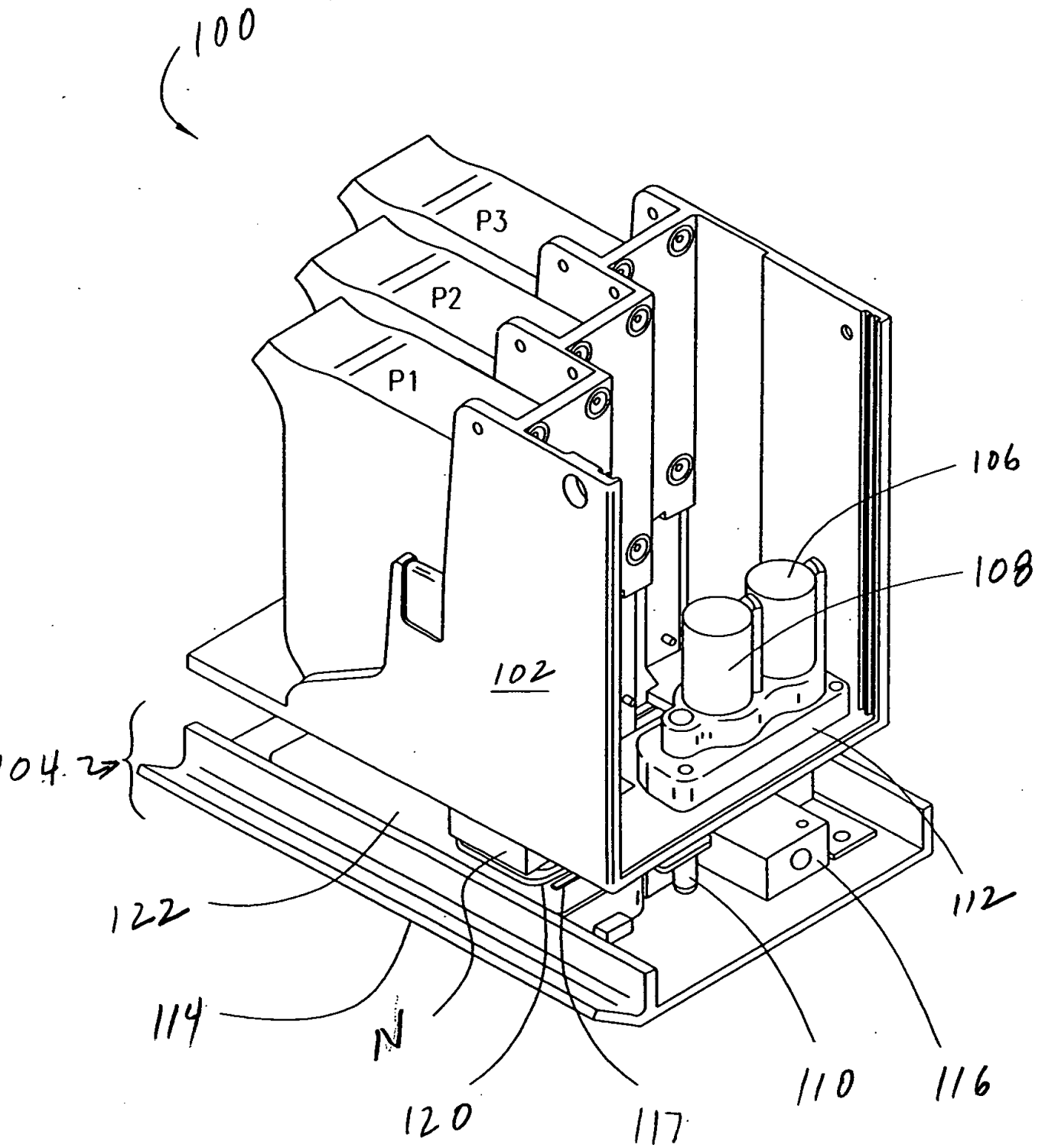


FIG. 3

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200

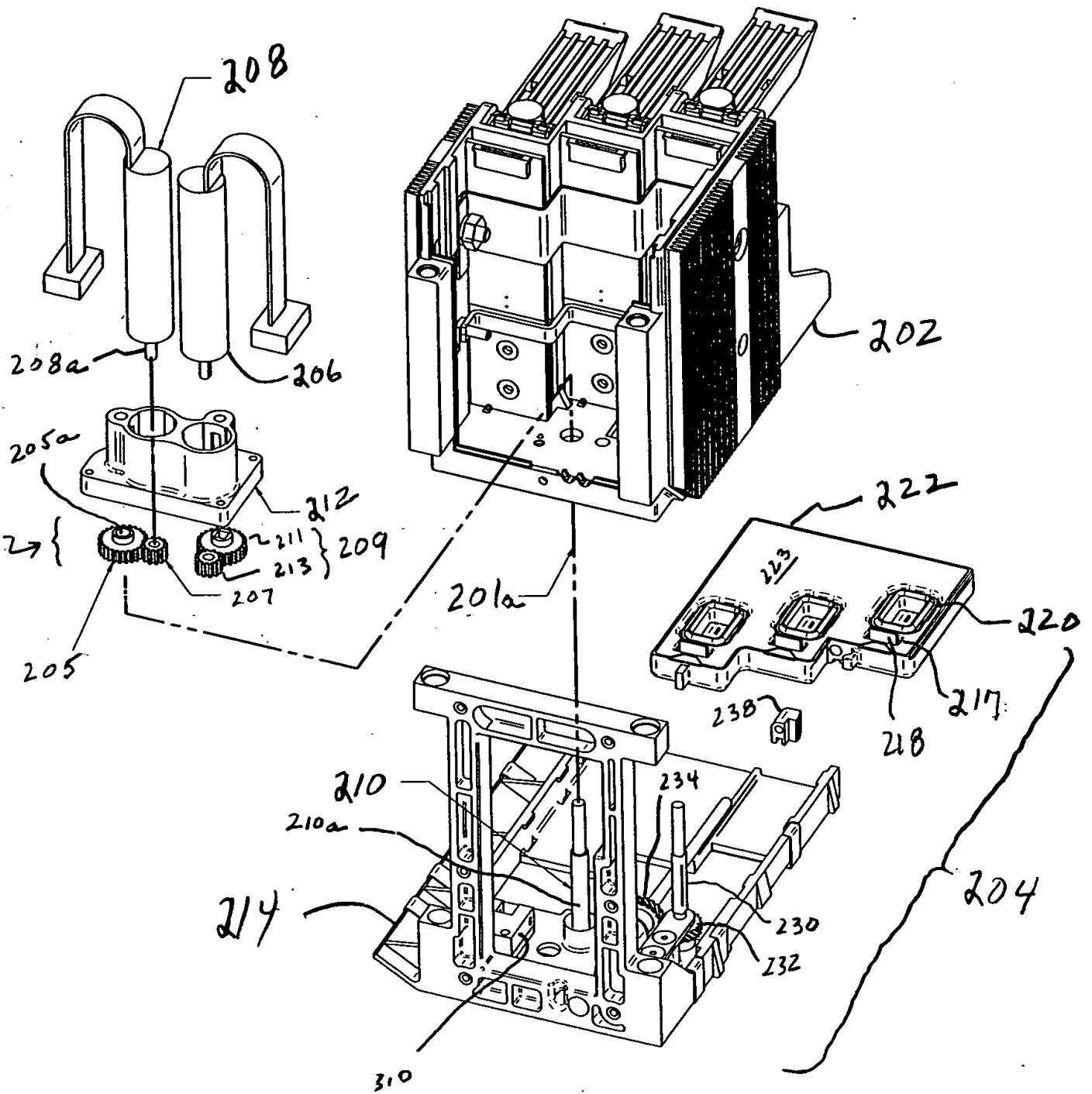


Figure 4 (Power Transmission Path
for Cartridge Vertical Motion)

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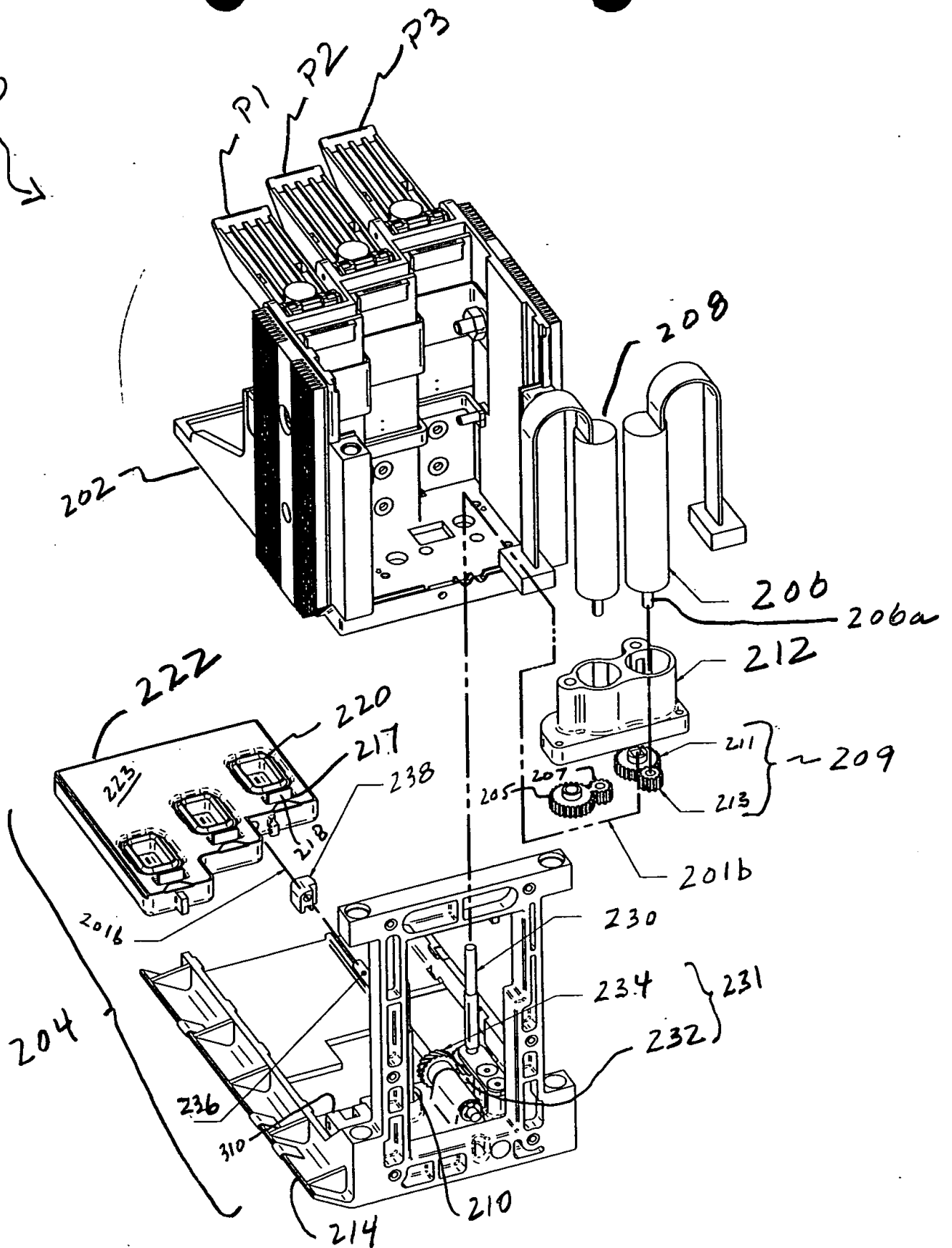


Figure 5 (Power Transmission Path
for Waste Ink Receptacle Horizontal Motion)

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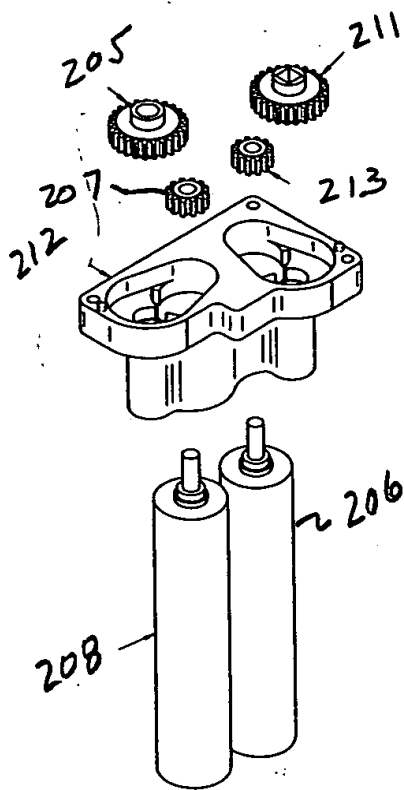


Figure 6 (Motor, Housing and Gear Assembly)

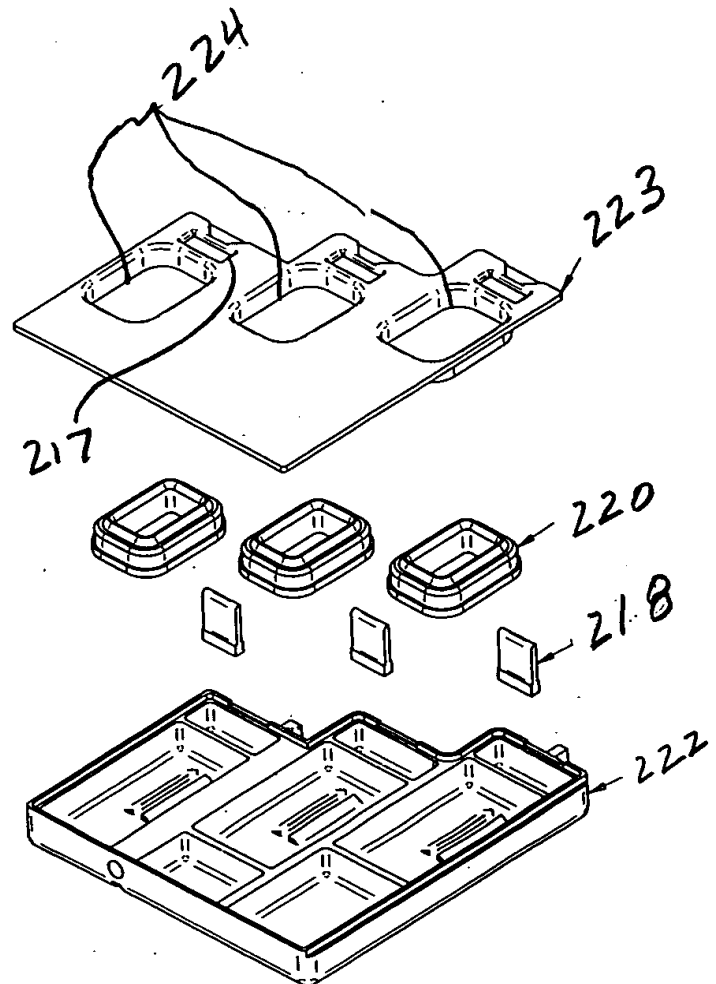


Figure 7 (Ink Receptacle Assembly)

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300

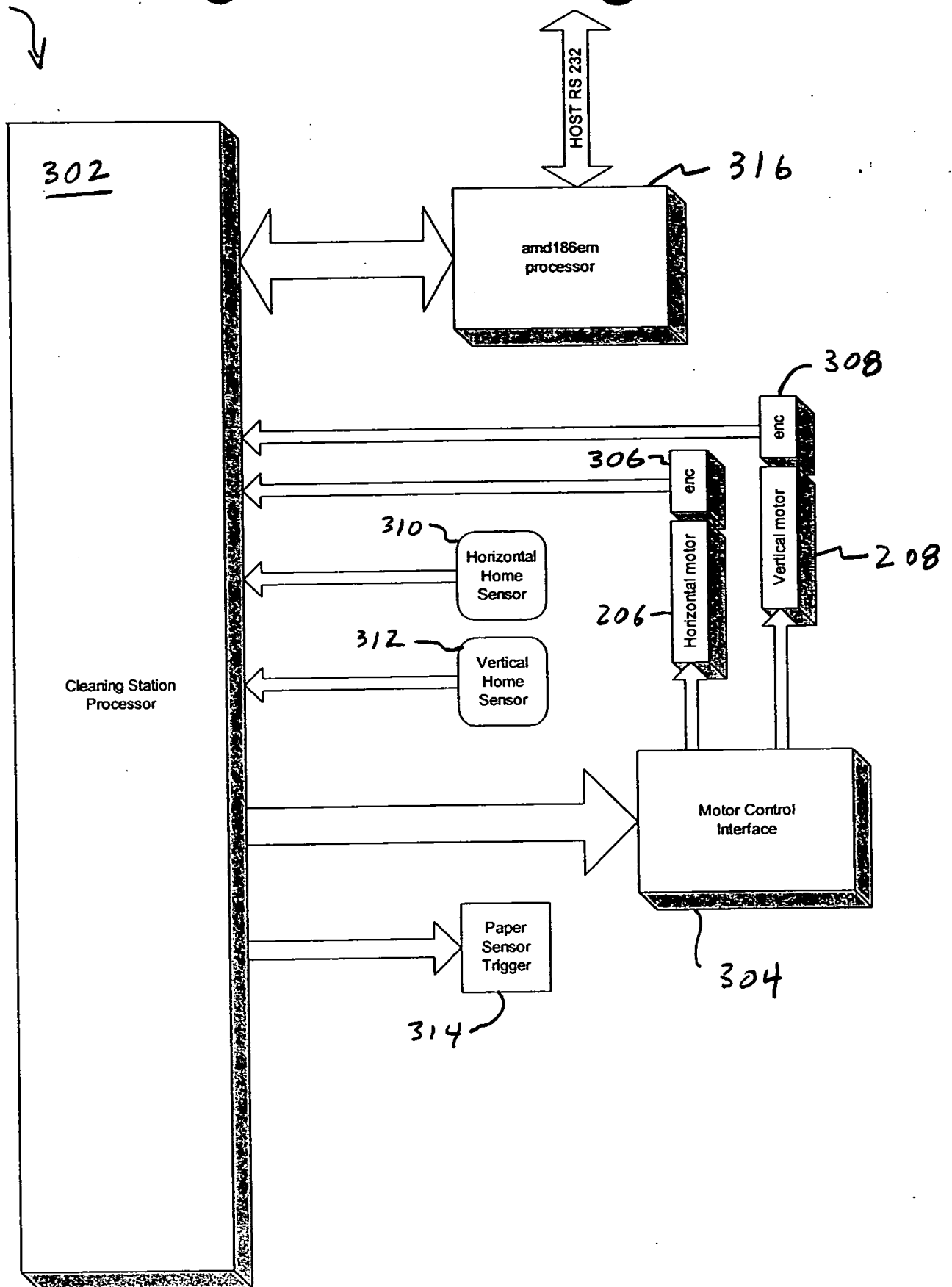


Figure 8 (Cleaning Station Control Assembly)

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350



Production

352

Print

354

Park

356

Clean

358

Remove Tray

These commands
are used in normal
operation and can be
issued at any time
desired.

Figure 9 (Cleaning Station Commands)

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Fig. 10A

Print

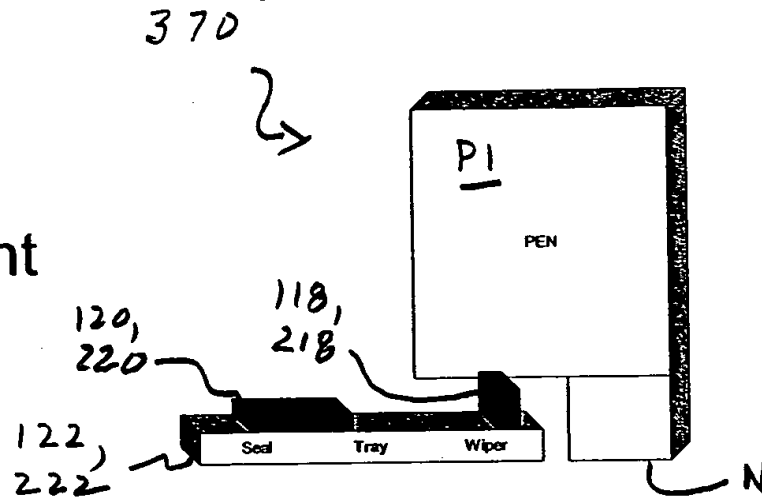


Fig. 10B

Park

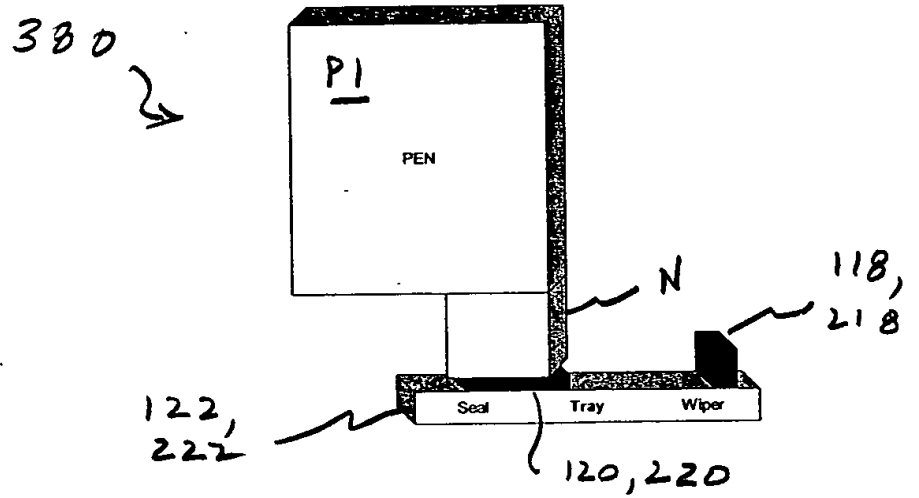


Fig. 10C

Remove Tray

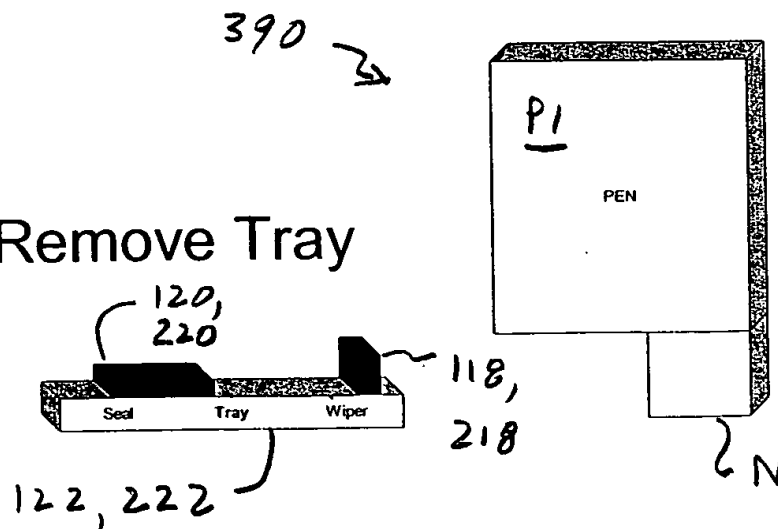


Figure 10 (Print, Park and Remove Tray Positions)

400 →

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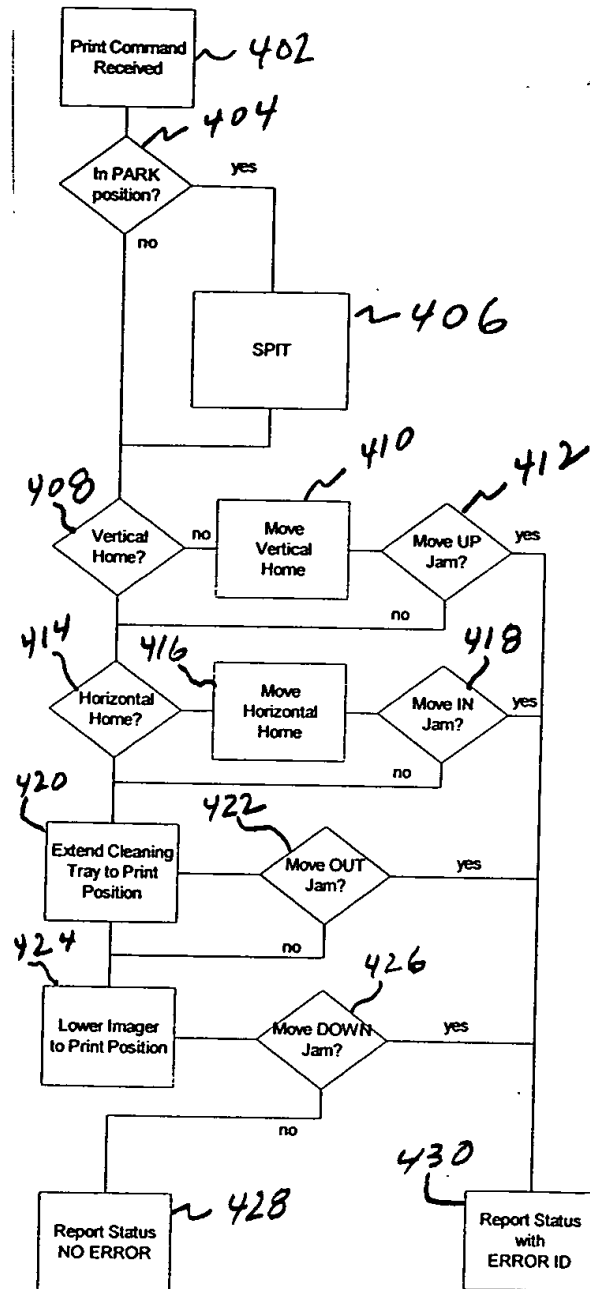


Figure 11 (Print Cycle Flowchart)

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500

2

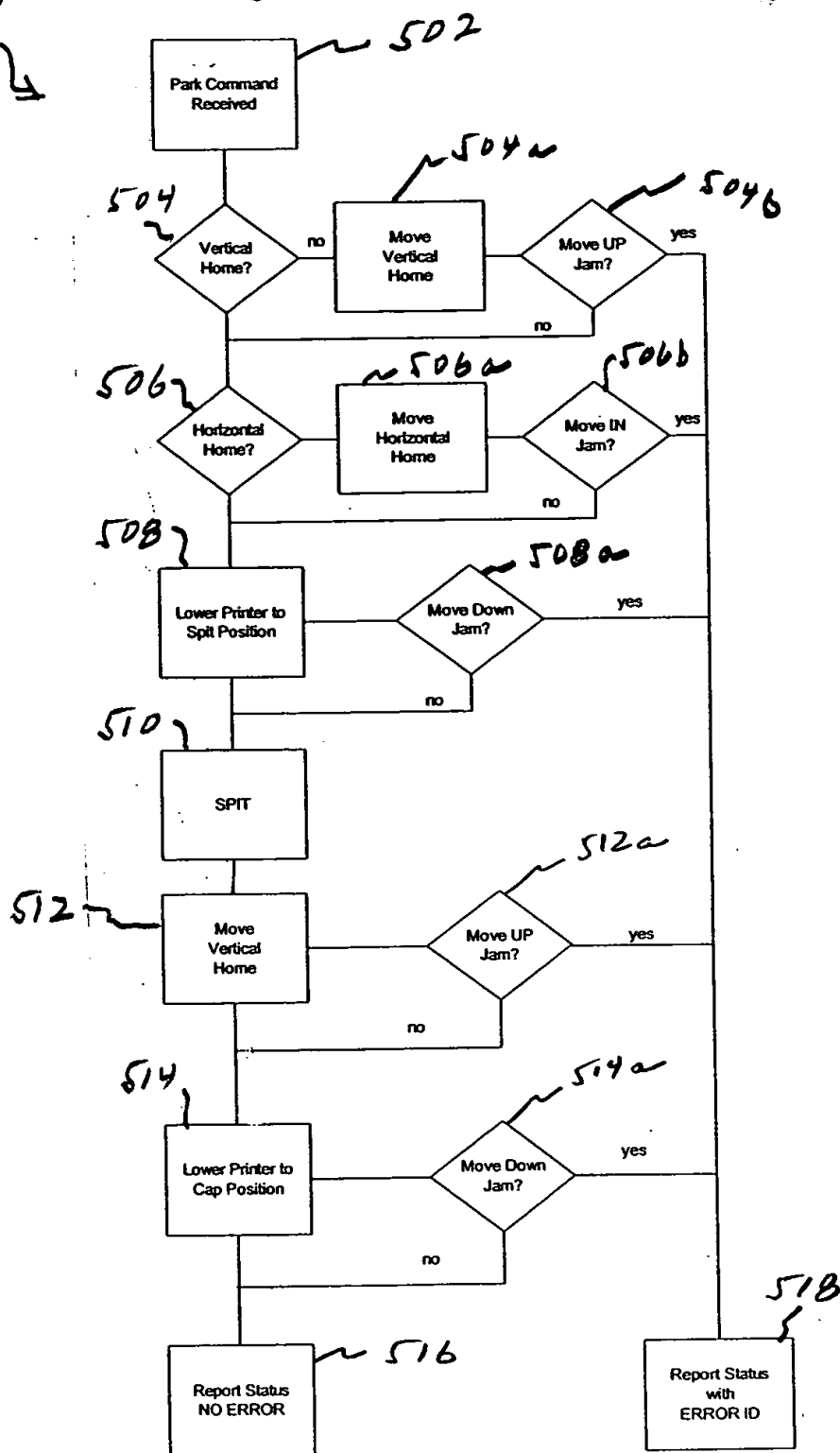


Figure 12 (Park Cycle Flowchart)

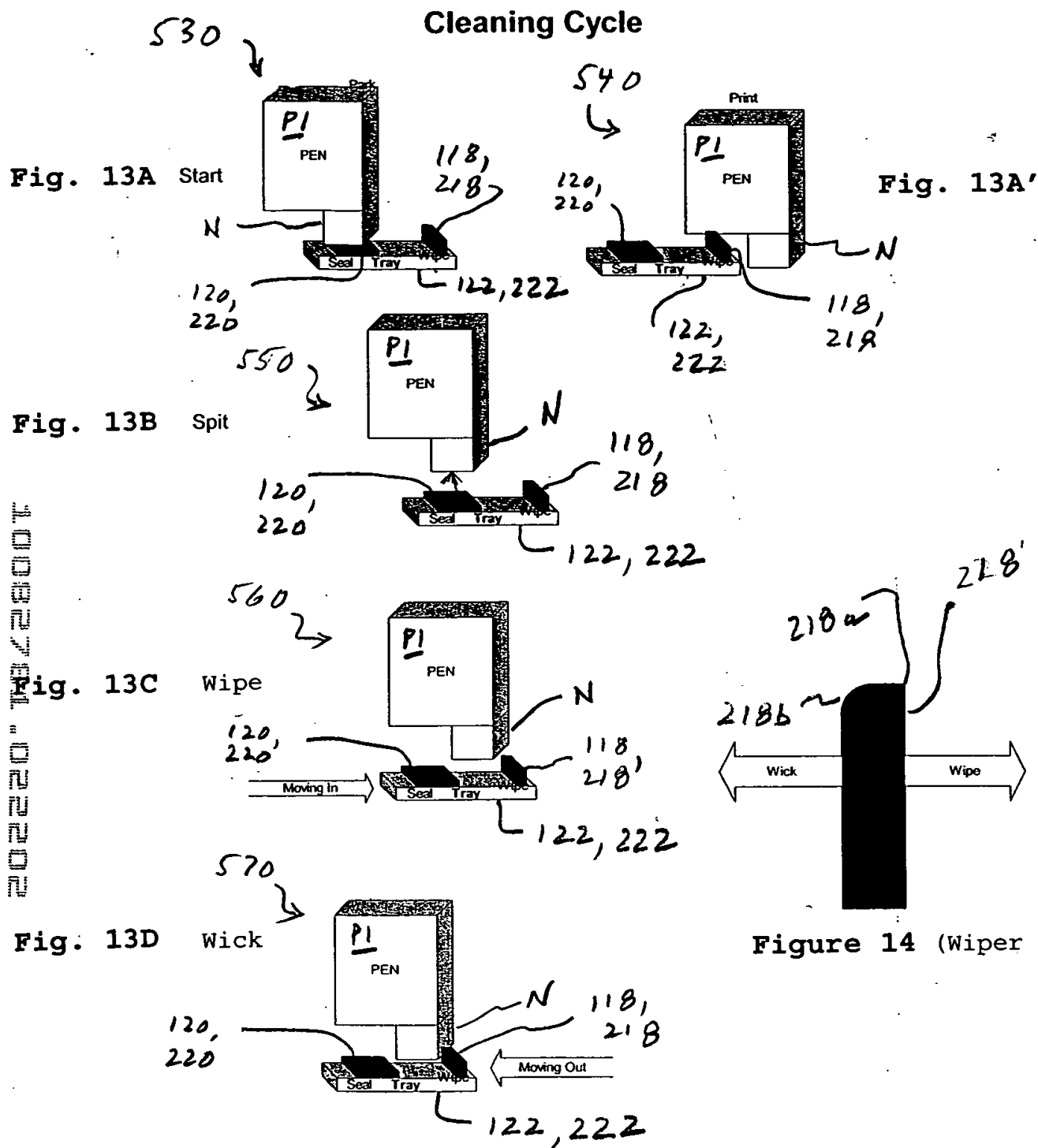


Figure 13 (Cleaning Cycle Positions)

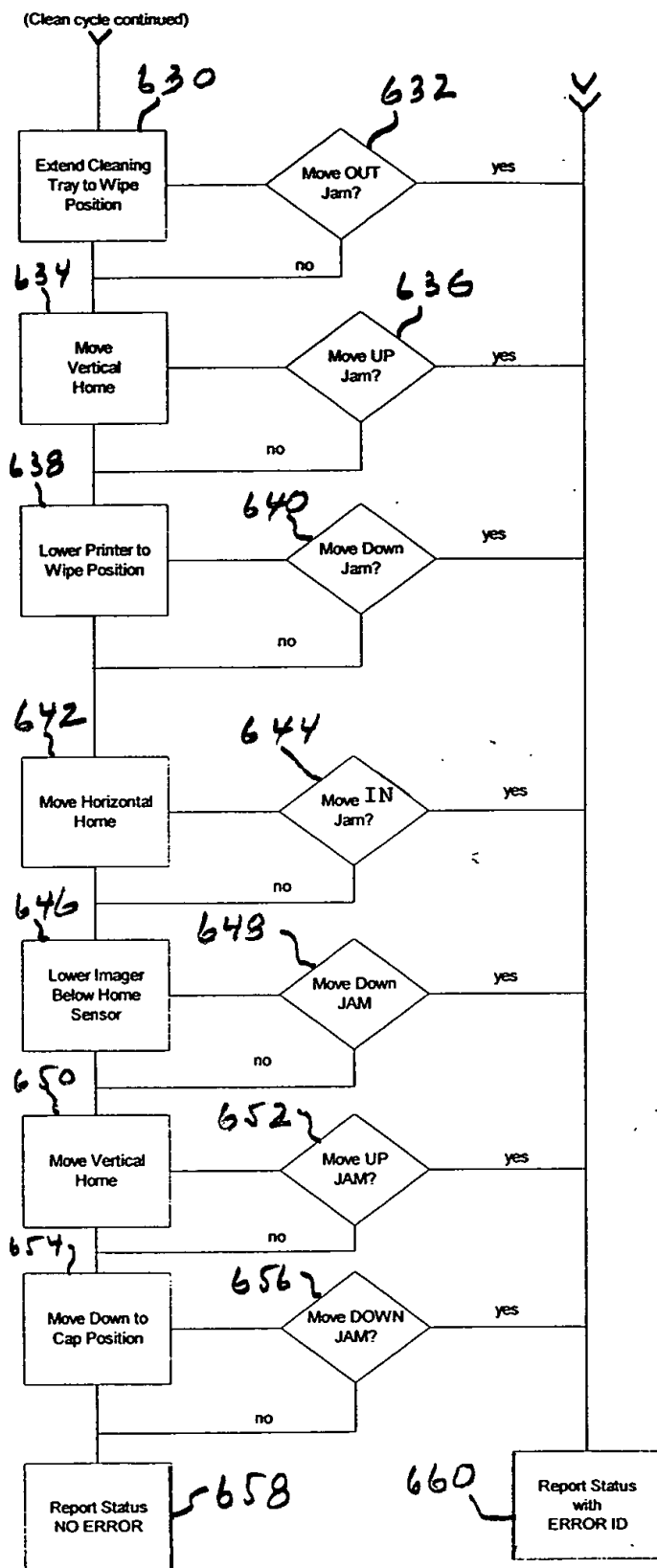
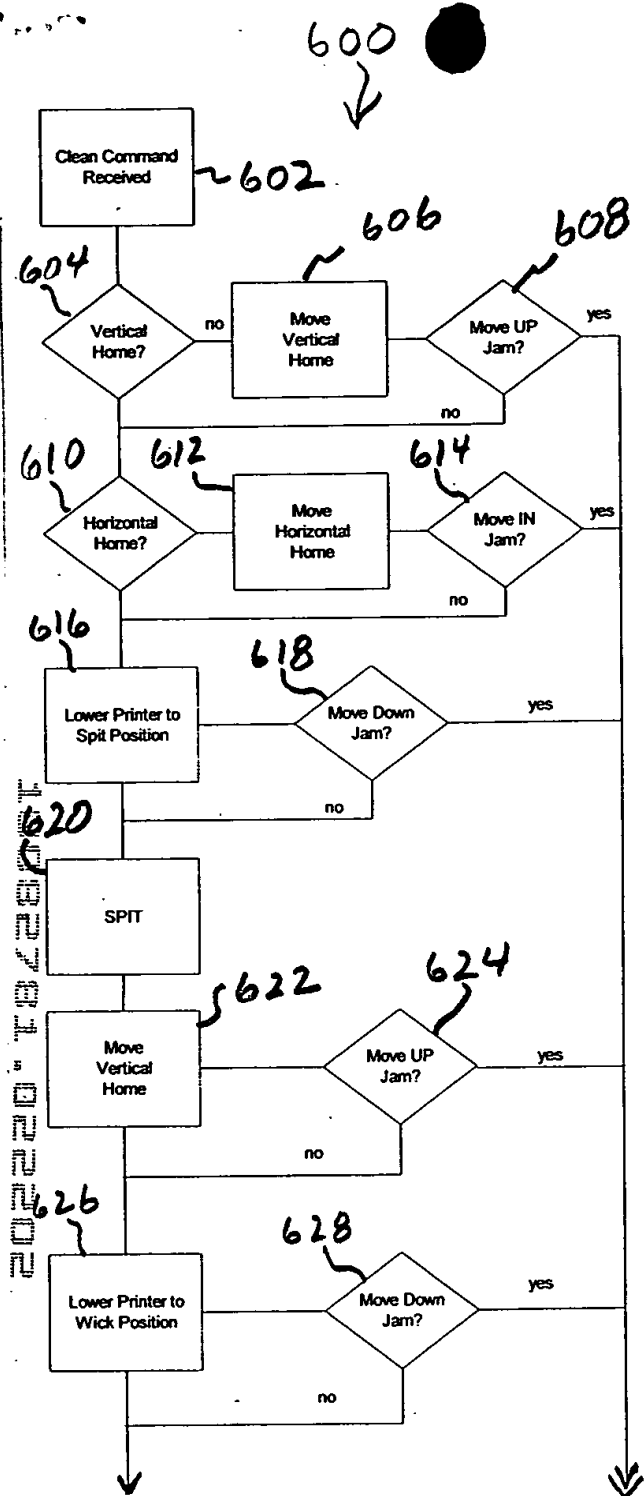


Figure 15 (Cleaning Cycle Flowchart)

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700

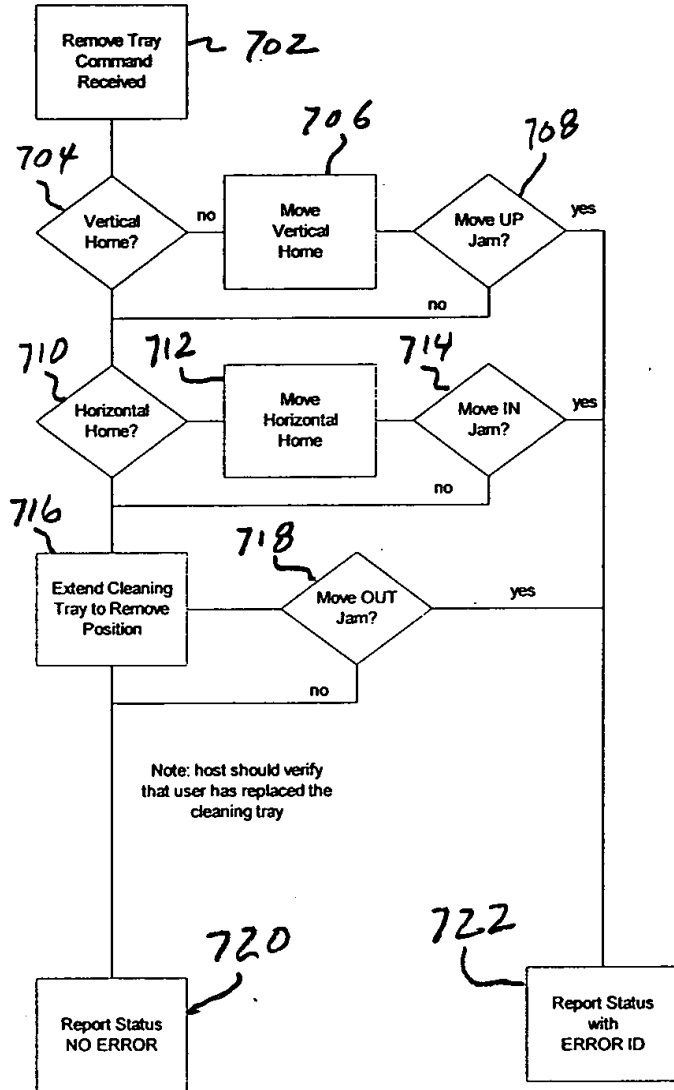


Figure 16 (Remove Tray Cycle Flowchart)